

What is claimed is:

1. A food service transport cart comprising a mobile housing including at least one door, means in the housing for supporting at least one food service tray; a UV light source mounted in said housing; a source of power for said UVC light source; and means for controlling said source of power for activating said light source when said at least one door is closed.
2. A food service cart as defined in Claim 1 wherein said means for controlling said source of power includes switch means which is activated by said door in its closed position to supply power to said UV light source.
3. A food service transport cart as defined in Claim 2 wherein said means for controlling said source of power includes timer means for stopping the supply of power to said UV light source after a predetermined time interval following closure of said at least one door.
4. A food service transport cart as defined in Claim 3 wherein said UV light source is mounted on the inside of said at least one door.
5. A food service transport cart as defined in Claim 3 wherein said UV light source is mounted on at least one inner wall of the cart.
6. A food service transport cart as defined in Claim 3 wherein said source of power is a battery pack.
7. A food service transport cart as defined in Claim 3 wherein said source of power is a rechargeable battery pack.
8. A food service cart as defined in Claim 3 wherein said cart includes a plurality of wheels mounted thereon.

9. A food service cart as defined in Claim 3 wherein said cart includes a pair of doors and said switch means includes a pair of switches respectively associated with each door for activating said source of power when both doors are closed.

10. A food service cart as defined in Claim 9 wherein said UV light source  
5 includes at least two UVC bulbs respectively mounted on the inner surfaces of said doors.

11. A food service cart as defined in Claim 10 wherein said doors have recesses formed on their inner surfaces and said bulbs are mounted in said recess.

12. A food service transport cart comprising a mobile housing including at  
10 least one door providing selective access to the interior of the housing; means in the housing for supporting a plurality of food service trays; at least one UV light source mounted in said housing; a power supply source mounted in the housing for selectively supplying electrical power to the light source; switch means connected between said light source and said power supply source and located in said housing  
15 for contacting said door when the door is closed to allow electrical power to pass from said power supply source to said light source; and a timer connected to said switch and light source to cut off supply of electrical power to the light source after a predetermined period of time from closure of said door.

13. A food service transport cart as defined in Claim 12 wherein said UV light  
20 source is mounted on the inside of said at least one door.

14. A food service transport cart as defined in Claim 12 wherein said source of power is a battery pack.

15. A food service transport cart as defined in Claim 13 wherein said source of power is a rechargeable battery pack.

16. A food service cart as defined in Claim 12 wherein said cart includes a pair of doors and said switch means includes a pair of switches respectively associated with each door for activating said source of power when both doors are closed.

5 17. A food service cart as defined in Claim 16 wherein said UV light source includes at least two UVC bulbs respectively mounted on the inner surfaces of said doors.

18. A food service cart as defined in Claim 17 wherein said doors have recesses formed on their inner surfaces and said bulbs are mounted in said recess.

10 19. A food service cart as defined in Claim 18 wherein said cart includes a plurality of wheels mounted thereon.

20. A food service cart as defined in Claim 12 wherein said light source is located to directly irradiate all tray levels in the cart.